

WHAT IS CLAIMED IS:

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*a5* 1. ~~An image display apparatus comprising:~~  
imaging section having photoelectric  
conversion devices arranged in the form of a matrix,  
said imaging section sequentially outputting signals  
5 generated by said photoelectric conversion devices in  
parallel column by column of said matrix; and  
display section having display devices  
arranged in the form of a matrix, which displays an  
image represented by signals applied thereto at the time  
10 of application of driving pulses, said display section  
applying the signals output in parallel from said  
imaging section to said display devices column by column  
and supplying said driving pulses line by line in a  
~~predetermined order.~~

1 2. The image display apparatus according to  
claim 1, wherein said imaging section comprises a CCD  
imaging device or a MOS imaging device.

1 3. The image display apparatus according to  
claim 1, wherein said display section comprises a liquid  
crystal display.

1 *Sub*  
*a6* 4. ~~An image display apparatus comprising:~~  
imaging section having photoelectric  
conversion devices arranged in the form of a matrix,  
said imaging section sequentially outputting signals  
5 generated by said photoelectric conversion devices in  
parallel column by column of said matrix;  
signal conversion section for performing a  
~~processing for the signals output from said imaging~~

10 section in parallel column by column and outputting the  
processed signals in parallel; and

display section having display devices  
arranged in the form of a matrix, which display an image  
represented by signals applied thereto at the time of  
application of driving pulses, said display section  
15 applying the signals output in parallel from said signal  
conversion section to said display devices column by  
column and supplying said driving pulses line by line in  
a predetermined order.

1 5. The image display apparatus according to  
claim 4, wherein said imaging section comprises a CCD  
imaging device or a MOS imaging device.

1 6. The image display apparatus according to  
claim 4, wherein said display section comprises a  
liquid crystal display.

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1 7. The image display apparatus according to  
claim 4, said apparatus further comprising:  
parallel-to-serial conversion section for  
converting the signals output in parallel from said  
signal conversion section to serial signals.

1 8. An image display apparatus comprising:  
imaging section having photoelectric  
conversion devices arranged in the form of a matrix,  
said imaging section sequentially outputting signals  
5 generated by said photoelectric conversion devices in  
parallel column by column of said matrix;

signal conversion section for performing a  
processing for the signals output in parallel from said

10 ~~imaging section column by column and outputting the~~  
processed signals in parallel; and

~~parallel-to-serial conversion section for  
converting the signals output in parallel from said  
signal conversion section to serial signals.~~

1 9. The image display apparatus according to  
claim 8, wherein said imaging section comprises a CCD  
imaging device or a MOS imaging device.

1 *sub*  
*as* ~~10. A display apparatus comprising:~~  
serial-to-parallel conversion section for  
converting signals serially input thereto to parallel  
signals and outputting the signals; and

5 display section having display devices  
arranged in the form of a matrix, which display an image  
represented by signals applied thereto at the time of  
application of driving pulses, said display section  
applying the signals output in parallel from said  
10 serial-to-parallel conversion section to said display  
devices column by column and supplying said driving  
pulses line by line in a predetermined order.

1 11. The display apparatus according to claim  
10, wherein said display section comprises a liquid  
crystal display.